SLM Series
90-160 W

Tri-Mode Dimming™ (TRIAC, ELV & 0-10 V), High Power, CC LED Drivers with 1-100% Dimming Range

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<td>120 to 277 Vac, 220 to 277 Vac</td>
<td>160 W</td>
<td>21 to 85 Vdc</td>
<td>1.8 A to 4.4 A CC</td>
<td>up to 90% typical</td>
<td>90°C (measured at the hot spot)</td>
<td>&lt; 20%</td>
<td>&gt; 0.9</td>
<td>Forward-Phase, Reverse-Phase &amp; 0 - 10V</td>
<td>0.01 - 100% (% of Iout)</td>
<td>0.5 sec</td>
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CC: Constant Current

Features:
- Compatible with TRIAC (forward-phase or leading-edge), ELV (reverse-phase or trailing-edge), and 0-10 V dimmers
- +12 V/100 mA auxiliary output to power external fans, motion or ambient light sensors, or wireless modules
- Outdoor surge protection: 4 kV line to line / 6 kV line to earth
- Protocols: output open load, short-circuit (latch-off), and over-temperature with auto recovery
- Conducted and radiated EMI: Compliant with FCC CFR Title 47 Part 15 Class A at 120 Vac and 277 Vac
- Complies with ENERGY STAR® luminaire specification and DLC (DesignLight Consortium®) technical requirements
- Lifetime: 50,000 hours min at 70°C case temperature
- IP66-rated case with silicone-based potting
- 90°C maximum case hot spot temperature

Applications:
- Low bay lights
- High bay lights
- Grow Lights/Horticulture
- Street Lights

Notes:
1. T: Tri-mode dimming (1-100%), C: 1kV /2kV surge protection & IP64
2. T: Tri-mode dimming (1-100%), A: 4kV/6kV surge protection & IP66
3. X: No dimming, A: 4kV/6kV surge protection & IP66
4. Z: 0-10V dimming only (1-100%), A: 4kV/6kV surge protection & IP
5. For additional options of output current and output voltage, contact your sales representative or send an email to: SaveEnergy@erp-power.com